

## APPENDIX A

ATTY	Serial No./		
Case No.	Filing Date	Inventors/Title	Status
00-653-A	U.S. 09/927,777	Mirkin, Letsinger,	PENDING
	Filed 8/10/01	Mucic, Storhoff,	
		Elghanian, Taton,	
		Garamella, Li, Park/	
		NANOPARTICLES	
		HAVING	
		OLIGONUCLEOTI	
		DES ATTACHED	
		THERETO AND	
		USES THEREFORE	
00-713-B1	09/923,625	Mirkin, Letsinger,	PENDING
	Filed 8/7/01	Mucic, Storhoff,	
		Elghanian/	
		NANOPARTICLES	
		HAVING	
		OLIGONUCLEOTI	
		DES ATTACHED	
		THERETO AND	
		USES THEREFOR	
00-713-C	09/344,667, filed	Mirkin, Letsinger,	U.S. Patent No.
	6/25/99	Mucic, Storhoff,	6,361,944, issued
		Elghanian/	3/26/02
		NANOPARTICLES	
		HAVING	
		OLIGONUCLEOTI	
		DES ATTACHED	
		THERETO AND	
		USES THEREFORE	
00-713-I	U.S.S.N	Mirkin, Letsinger,	U.S. Patent No.
	09/603,830	Mucic, Storhoff,	6,506,564, issued
	Filed 6/26/00	Elghanian, Taton;	1/14/03
		NANOPARTICLES	
		HAVING	
		OLIGONUCLEOTI	
		DES ATTACHED	
		THERETO AND	
00.713.7.4	00/061 040	USES THEREFOR	77.0 7
00-713-I-1	09/961,949	Mirkin, Letsinger,	U.S. Patent No.
	9/20/01	Mucic, Storhoff,	6,582,921, issued
		Elghanian, Taton;	June 24, 2003

ATTY	Serial No./		Pag
Case No.	Filing Date	Inventors/Title	Status
	3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	NANOPARTICLES	Status
		HAVING	
		OLIGONUCLEOTI	
		DES ATTACHED	
		THERETO AND	
		USES THEREFOR	
00-713-I-2	09/957,318	See 00-713-I-1	ALLOWED
	9/20/01		
00-713-I-3	09/957,313	See 00-713-I-1	U.S. Patent No.
	9/20/01		6,645,721, issued
			11/11/03
			11/11/05
00-713-I-4	09/966,491	See 00-713-I-1	U.S. Patent No.
	9/28/01		6,610,491
00-713-I-5	09/966,312	See 00-713-I-1	ALLOWED
	9/28/01		
00-713-I-6	09/967,409	See 00-713-I-1	DEVIDBIG
00-713-1-0	9/28/01	See 00-/13-1-1	PENDING
	9/20/01		
00-713-I-7	09/974,500	See 00-713-I-1	ALLOWED
	10/10/01	566 00-715-1-1	ALLOWED
	13713731		
00-713-I-8	09/974,007	See 00-713-I-1	PENDING
	10/10/01		
00-713-I-9	09/973,638	See 00-713-I-1	PENDING
	10/10/01		
00.512.1	00/072 700		
00-713-I-	09/973,788	See 00-713-I-1	ALLOWED
10	10/10/01		
00-713-I-	09/975,062	See 00-713-I-1	ALLOWED
11	10/11/01		
00-713-I-	09/975,376	See 00-713-I-1	PENDING
12	10/11/01		
00 510 7	00/0=-		
00-713-I-	09/975,384	See 00-713-I-1	PENDING
13	10/11/01		
00-713-I-	09/975,498	Sec. 00. 712 I 1	ALLOWED
00-/13-1-	021212,428	See 00-713-I-1	ALLOWED

ATTY	Serial No./	T	Pag
Case No.	Filing Date	Inventors/Title	Status
14	10/11/01	Thventors/Title	Status
14	10/11/01		
00-713-I-	09/975,059	See 00-713-I-1	PENDING
15	11/11/01		TENDING
00-713-I-	09/976,601	See 00-713-I-1	PENDING
16	10/12/01		
00-713-I-	09/976,968	See 00-713-I-1	PENDING
17	10/12/01		
00-713-I-	09/976,971	See 00-713-I-1	ALLOWED
18	10/12/01		
00-713-I-	09/976,863	See 00-713-I-1	PENDING
19	10/12/01		
00-713-I-	09/976,577	See 00-713-I-1	ALLOWED
20	10/12/01		
00-713-I-	09/976,618	See 00-713-I-1	PENDING
21	10/12/01		
00-713-I-	09/981,344	See 00-713-I-1	PENDING
22	10/15/01		
00-713-I-	09/976,900	See 00-713-I-1	PENDING
23	10/12/01		
00-713-I-	09/976,617	See 00-713-I-1	ALLOWED
24	10/12/01		
00-713-I-	09/976,378	See 00-713-I-1	PENDING
25	10/12/01		
00-713-i-	10/410 224	Soc 00 712 I 1	DEMENDIC
26	10/410,324 04/10/03	See 00-713-I-1	PENDING
00-713-L	U.S.S.N.	Mirlein Totain	IIC D-44 NT
00-/13 <b>-</b> L	0.5.5.N. 09/693,005	Mirkin, Letsinger,	U.S. Patent No.
€ .	Filed 10/20/00	Mucic, Storhoff,	6,495,324, issued
	1-11cu 10/20/00	Elghanian/	12/17/02
		NANOPARTICLES	
ļ		HAVING	
		OLIGONUCLEOTI	
		DES ATTACHED	

ATTY	Serial No./		Pag
Case No.	Filing Date	Inventors/Title	Status
Cust I to	Timig Date	THERETO AND	Status
		USES THEREFORE	
00-713-M	U.S.S.N.	Mirkin, Letsinger,	U.S. Patent No.
	09/693,352	Mucic, Storhoff,	6,417,340, issued
	Filed 10/20/00	Elghanian/	7/9/02
		NANOPARTICLES	
		HAVING	
		OLIGONUCLEOTI	
		DES ATTACHED	
		THERETO AND	
		USES THEREFORE	
00-714-G	U.S. 09/830,620	Mirkin, Nguyen/	PENDING
	Filed 8/15/01	NANOPARTICLES	
		WITH POLYMER	
		SHELLS	
00-715-A	U.S. 09/760,500	Mirkin, Letsinger,	ALLOWED
	Filed 1/12/01	Mucic, Storhoff,	
		Elghanian, Taton;	
		Garamella, Li/	
		METHOD OF	
		ATTACHING	
		OLIGONUCLEOTI	
		DES TO	
		NANOPARTICLES	
·		AND PRODUCTS	
		PRODUCED	
		THEREBY	
00-1085-A	U.S.S.N.	Mirkin,Letsinger,	ALLOWED
	09/820,279	etc./ METHOD AND	
	Filed 3/28/01	MATERIALS FOR	
		ASSAYING	
		BIOLOGICAL	
		MATERIALS	
00-1086-A	U.S. 09/903,461	Letsinger, Garimella/	U.S. Patent No.
	Filed 7/11/01	METHOD OF	6,602,669,
		DETECTION BY	Filed 8/5/03
		ENHANCEMENT	
		OF SILVER	
0.4 = .=		STAINING	
01-565-A	USSN 10/125,194	Mirkin, Nguygen,	PENDING
	Filed 4/18/02	Watson, Park/	
		OLIGONUCLEOTI	
		DE-MODIFIED	
		ROMP POLYMERS	

ATTY	Serial No./		Pas
Case No.	Filing Date	Inventors/Title	Status
		AND CO-	Status
		POLYMERS	
01-599-A	U.S.S.N.	Storhoff/NOVEL	PENDING
	10/291,291	THIOL-BASED	
	Filed 11/08/02	METHOD FOR	
		ATTACHING	
		OLIGONUCLEOTI	
		DES TO	
		NANOPARTICLES	
01-661-A	U.S.S.N.	Mirkin, Cao, Jin/	PENDING
	10/034,451	DNA-MODIFIED	
	Filed 12/28/01	CORE-SHELL	
		AG/AU	
		NANOCRYSTALS	
01-661-C	U.S.S.N.	Mirkin, Cao, Jin/	PENDING
	10/153,483	DNA-MODIFIED	
	Filed 5/22/02	CORE-SHELL	
		AG/AU	
		NANOCRYSTALS	
01-661-E	U.S.S.N.	Mirkin, Cao, Jin/	PENDING
	10/397,579	DNA-MODIFIED	
	3/26/03	CORE-SHELL	
		AG/AU	
		NANOCRYSTALS	
01-1565-A	U.S.S.N.	Park, Taton,	PENDING
	10/266,983	Mirkin/ARRAY-	
	Filed 10/08/02	BASED	
		ELECTRICAL	
		DETECTION OF	
		DNA USING	
		NANOPARTICLE	
		PROBES	
01-1705-A	U.S.S.N.	Nam, Park,	PENDING
	10/108,211	Mirkin/BIO-	
i	Filed 3/27/02	BARCODES	
		BASED ON	
		OLIGONUCLEOTI	
		DE-MODIFIED	
		NANOPARTICLES	
02-338-В	USSN 10/172,428	Cao, Jin, Nam,	PENDING
ļ	Filed 6/14/02	Mirkin/MULTICHA	
		NNEL DETECTION	
	I	USING	
		NANOPARTICLE	

ATTY Case No.	Serial No./ Filing Date	Inventors/Title	Status
		PROBES WITH RAMAN SPECTROSCOPIC FINGERPRINTS	Status
02-338-C	10/431,341 5/7/03	Cao, Jin, Nam, Mirkin/MULTICHA NNEL DETECTION USING NANOPARTICLE PROBES WITH RAMAN SPECTROSCOPIC FINGERPRINTS	PENDING